INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/004667

A. CLASSIFICATION OF SUBJECT MATTER Int.Cl ⁷ H02P5/41, 5/00, 21/00					
According to International Patent Classification (IPC) or to both national classification and IPC					
B. FIELDS SEARCHED					
	entation searched (classification system followed by class H02P5/41, 5/00, 21/00	ssification symbols)			
Jitsuyo Kokai Ji	tsuyo Shinan Koho 1971-2005 Tor	suyo Shinan Toroku Koho roku Jitsuyo Shinan Koho	1996-2005 1994-2005		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)					
C. DOCUMEN	ITS CONSIDERED TO BE RELEVANT				
Category*	Citation of document, with indication, where app	propriate, of the relevant passages	Relevant to claim No.		
Y A	JP 2003-348898 A (Mitsubishi 05 December, 2003 (05.12.03), (Family: none)	Electric Corp.),	1-12 13,14		
Y A	JP 2002-95291 A (Nissan Motor 29 March, 2002 (29.03.02), (Family: none)	CO., Ltd.),	1-12 13,14		
Y A	JP 2003-174790 A (Denso Corp 20 June, 2003 (20.06.03), (Family: none)	.),	1-12 13,14		
A	JP 2001-136781 A (Toyota Moto 18 May, 2001 (18.05.01), (Family: none)	or Corp.),	1-14		
× Further do	ocuments are listed in the continuation of Box C.	See patent family annex.			
"A" document d to be of part "E" earlier appli filing date "L" document v cited to est special rease "O" document re	A document defining the general state of the art which is not considered to be of particular relevance E earlier application or patent but published on or after the international filing date C document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) C document referring to an oral disclosure, use, exhibition or other means		cation but cited to understand invention claimed invention cannot be idered to involve an inventive eclaimed invention cannot be step when the document is a documents, such combination		
the priority date claimed "&" document member of the same patent family					
	nl completion of the international search , 2005 (11.05.05)	Date of mailing of the international sea 24 May, 2005 (24.0			
	ng address of the ISA/ se Patent Office	Authorized officer			
Facsimile No.		Telephone No.			

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PCT/JP2005/004667

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT			
Category*	Citation of document, with indication, where appropriate, of the releva	unt nassages	Relevant to claim No.
A	JP 2001-157487 A (Nissan Motor Co., Ltd.), 08 June, 2001 (08.06.01), & US 6384567 B1 & EP 1103409 A2		1-14
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